

Curriculum Vitae

Michael R. Nelson, M.D.,Ph.D.
Colonel, Medical Corps, U.S. Army

Personal Information

Current Address: Walter Reed Army Medical Center
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Citizenship: ----(b)(6)-----

Education

Undergraduate: ----(b)(6)---: AB (chemistry), Princeton University, Princeton, NJ.

Graduate: 1985 – 1993: MD & PhD (pharmacology), University of Virginia, Charlottesville, VA
1993 – 1994: Internship (Internal Medicine), University of Virginia, Charlottesville, VA
1994 – 1996: Internal Medicine Residency, Eisenhower Army Medical Center, Fort Gordon, GA
1996 – 1998: Allergy/Immunology Fellowship, Walter Reed Army Medical Center, Washington DC
1998 – 1999: Clinical Laboratory Immunology Fellowship, Walter Reed Army Medical Center, Washington DC

Current Professional Positions

2008 - Allergy-Immunology Consultant to the U.S. Army Surgeon General

2007- Program director, National Capital Consortium Allergy-Immunology Fellowship at WRAMC

2007- USUHS Admissions Committee, member

2003- Program director, National Capital Consortium's Diagnostic Laboratory/Immunology Fellowship Program at WRAMC

2003- Member, National Capital Consortium Graduate Medical Education Committee

2002- Director, U.S. Centralized Allergen Extract Laboratory

2007 - Associate Professor, Department of Medicine, Uniformed Services University of the Health Sciences

2007 - Associate Professor, Department of Pediatrics, Uniformed Services University of the Health Sciences

Board Certification

1999, 2009 American Board of Allergy & Immunology, Certificate number: ---(b)(6)---

1999 Clinical Laboratory Immunology (sponsored by the American Boards of Allergy & Immunology, Internal Medicine and Pediatrics), Certificate number: ----(b)(6)----

1994 National Board of Medical Examiners (Parts 1,2,3), Certificate number: ----(b)(6)----

1995 American Board of Internal Medicine, Certificate number: -----(b)(6)-----

Medical Licensure

1994- Virginia, License number: -----(b)(6)-----

Honors/Awards

2008 -----(b)(6)-----

2007 -----(b)(6)-----

2006, 2003,& 1999 -----(b)(6)-----

2005(2), 2001 & 1999 -----(b)(6)-----

2005 Awarded the "A" Designator in recognition of special expertise in the field of Allergy-Immunology

2004 General Claire Chennault Award, Walter Reed Army Medical Center Teacher of the Year

2001 -----(b)(6)-----

2000	------(b)(6)-----
2000	Graduate of U.S. Army Officer Advanced Course
1999	Gen. Graves B. Erskine Award (outstanding graduating fellow), Walter Reed Army Medical Center
1999	Third Prize, Association of Uniformed Services Allergists-Immunologists Fellow Research Competition
1999	Semifinalist, Walter Reed Army Medical Center Bailey K. Ashford Clinical and Laboratory Research Award
1997 – present	University of Virginia School of Medicine Medical Academic Advancement Program Special Lecture Series annual speaker and recognized for “outstanding contribution and dedication to minority medical education”
1996 – 1999	Travel grant awards- American College of Allergy, Asthma and Immunology (1996, 1997, 1998); American Academy of Allergy, Asthma & Immunology (1999)
1996	American Medical Association Physician Recognition Award
1995	------(b)(6)-----
1995	Finalist, US Army American College of Physicians Annual Associates Abstract Competition
1990	------(b)(6)-----
1990	------(b)(6)-----
1989 – 1990:	First Prize, Student National Medical Association annual research forum (consecutive years)
1982 – 1985:	------(b)(6)-----

Previous Professional Positions

2002- 2008	Chief, Clinical Laboratory Immunology Service, Dept Allergy-Immunology, WRAMC
2005- 2008	Allergy-Immunology Co-consultant to the U.S. Army Surgeon General
2005 – 2007:	Associate program director, National Capital Consortium Allergy-Immunology Fellowship at WRAMC
1999 – 2007:	Assistant Professor, Department of Medicine, Uniformed Services University of the Health Sciences
1999 – 2007:	Assistant Professor, Department of Pediatrics, Uniformed Services University of the Health Sciences
2004 – 2006:	Chairperson, Insect Allergy Committee, American Academy of Allergy, Asthma and Immunology
2003 – 2004:	Chairperson, Military Committee, American Academy of Allergy, Asthma and Immunology
2003 – 2004:	Chairperson, Association of Uniformed Services Allergists-Immunologists
1999 – 2002:	Chief, Allergy and Immunology Clinic Services, Walter Reed Army Medical Center, Washington D.C.
1998 – 1999:	Instructor, Uniformed Services University of the Health Sciences, Bethesda, MD
1998 – 1999:	Instructor, Uniformed Services University of the Health Sciences, Bethesda, MD

Professional Societies

2002 – present	Association of Military Surgeons of the United States (AMSUS)
2002 – present	National Medical Association
1999 – present	Clinical Immunology Society (CIS) - member
1996 – present	American College of Allergy, Asthma and Immunology (ACAAI) - fellow
1996 – present	American Academy of Asthma, Allergy, and Immunology (AAAAI) – fellow
1996 – present	Association of Uniformed Services Allergists and Immunologists (AUSAI) – chair MAR 2003-2004
1994 – 2001	American Medical Association (AMA) – member
1985 – 1992	Student National Medical Association (SNMA)- member, parliamentarian- chapter (1988-89), regional (1989-90)

USUHS Teaching Activities

1998 – present	Attending, USUHS Ambulatory Medicine Allergy-Immunology Elective Rotations
1998-99, 2003-04, 2005-06	USUHS Introduction to Clinical Medicine III clerkship preceptor (history & physical diagnosis)
2000, 2007	Moderator, Medical Ethics Course, USUHS
2000-01	Departmental preceptor alternate for USUHS Introduction to Clinical Medicine III clerkship sessions
2002 & 2003	WRAMC general medicine ward attending

Other Recent Teaching Activities

1998 – present	Walter Reed Army Medical Center Allergy-Immunology and Clinical Laboratory Immunology Training Programs faculty member (associate program director, lecturer, case conference moderator, mentor), associate program director since 2005
1998 – present	WRAMC, Allergy-Immunology inpatient consult service staff physician (patient based instruction for students/residents on allergic & immunologic disease)
1998 – present	Preceptor, WRAMC Pediatric & Internal Medicine Residency Allergy-Immunology Rotations

Editorial Activities

1998 – present 2005	Reviewer, Project Immune Readiness, Allergy-Immunology web-based continuing education modules Reviewer, Vaccine
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Other Professional Activities

2004, 2006	USUHS, Interviewer for Admissions Committee
2004 – pres	WRAMC, Diagnostic Laboratory Utilization Committee, member
2002 – pres	American Academy of Allergy, Asthma and Immunology Insect Hypersensitivity committee member
1999 – pres	American Academy of Allergy, Asthma and Immunology Military committee member
1985 – pres	University of Virginia Medical Academic Advancement Program (MAAP)- student (b)(6)-), graduate instructor (1989-91), chief resident advisor (1987-1990), postbaccalaureate program admissions committee member (1989-1990), annual distinguished lecturer series (1997-present)
2002 – 2006	Quality Improvement Coordinator, Allergy-Immunology Department, WRAMC
2003 – 2005	WRAMC, Medication Management Committee, member
2002	16 th Annual Military Medicine Conference consultant, USUHS, Bethesda, MD
2000	Speaker, ACAAI Children's Allergy Awareness Program
1999 – 2000	WRAMC, Clinical Investigation Committee, Dept Allergy-Immunology Representative
1988 – 1992	Univ. of Virginia School of Medicine- Admissions Committee member
1988 – 1992	Univ. of Virginia School of Medicine- Academic Advisory Committee member
1986 – 1993	Univ. of Virginia School of Medicine- Basic Sciences tutor
1983 – 1985	Princeton University- Undergraduate Admissions Committee member

Recent Research Activities

1. Long-term clinical follow-up of patients experiencing myopericarditis following smallpox and other vaccinations. Principal investigator.
2. A Pilot Study: Myopericarditis following smallpox and influenza vaccination. Multicenter, CDC/NIH supported study. \$2M, WRAMC site study coordinator and associate investigator.
3. Clinical study to compare the immune response of half dose trivalent inactivated influenza vaccine (TIV) to full dose (2004-2005).. (b)(4)----. \$250K (MRMC, OTSG). Associate investigator.
4. Smallpox Vaccine Immune Response in a healthy active duty service member cohort. Collaborative study with the University of Washington. Univ Wash, WRAMC VHC supported. \$100K. Principal investigator.
5. -----(b)(4)----- Analysis of Anthrax Vaccine Immune Responses in the Context of Adverse Events. \$--- (b)(4), (b)(6)-----K. Associate investigator.
6. Use of -----(b)(4)-----based assay in the assessment of -----(b)(4)---- responders to -----(b)(4)----- testing. Principal investigator.
7. Safety and immunogenicity evaluation of an intranasal recombinant flagellin subunit Campylobacter vaccine (rfla-MBP) in volunteers (NMRC# 63002A.810.0.A0007). Associate investigator on NMRC sponsored study.
8. Safety and Immunogenicity Study of an Intranasal Shigella flexneri 2a Invaplex 50 Vaccine. Associate investigator on NMRC sponsored study. (----(b)(4)-----)
9. Association of pemphigus vulgaris and anthrax vaccination. Associate investigator.
10. VAERS knowledge, attitudes and beliefs. Multicenter questionnaire based study.

11. Cellular immune response to anthrax vaccination. Associate investigator.
12. Multicenter validation study for anthrax protective antigen ELISA assay developed by the CDC. WRAMC site coordinator. Publication pending.
13. Multicenter efficacy and safety study of C1 Inhibitor Concentrate use in patients with hereditary angioedema. ----- (b)(4)----- . WRAMC principal investigator. Completed Oct 03.
14. Pediatric and adult asthma patient outcomes- impact of patient and provider education. WRAMC outcomes project initiative. Department outcomes project coordinator.

Extramural Presentations

1. Immunotherapy Administration Course. American Academy of Allergy, Asthma and Immunology Annual National Meeting. Philadelphia, PA 2008.
2. Insect Allergy Seminar. American Academy of Allergy, Asthma and Immunology Annual National Meeting. Philadelphia, PA 2008.
3. Vaccine Reaction. Workshop. American Academy of Allergy, Asthma and Immunology Annual National Meeting. San Diego, CA 2007.
4. Allergic Reactions to Vaccines and Vaccine Safety: Avoiding and Managing Adverse Effects. Seminar. American Academy of Allergy, Asthma and Immunology Annual National Meeting. San Diego, CA 2007.
5. Adverse Events to Vaccinations & Vaccine Update. Seminar. American Academy of Allergy, Asthma and Immunology Annual National Meeting. Miami, FL 2006.
6. Insect Allergic Patient. Seminar. American College of Allergy, Asthma and Immunology. Annual National Meeting. Anaheim, CA 2005.
7. Influenza Vaccine and Avian Influenza Update. American College of Osteopathic Internists national convention, Oct 2004, Chicago, IL.
8. Bioterrorism vaccines and the normal vaccine immune response. Medical Academic Advancement Program, University of Virginia, July 2003 & 2004.
9. "Advances in Immunology" & "Smallpox Mass Immunization Drives: Lessons Learned" at the American Osteopathic Association national meeting, October 2003, New Orleans, LA.
10. DoD & WRAMC Smallpox Vaccination Program: Lessons Learned. "The Role of Healthcare Professionals in the Age of Bioterrorism" for Medical Society of the State of New Jersey, April 2003, Hackensack, New Jersey and for the Kansas Health Department, November 2003, Wichita, KS.
11. Vaccine adverse events workshop. November 2002 American College of Allergy, Asthma and Immunology National Meeting and March 2003 American Academy of Allergy, Asthma and Immunology National Meeting.
12. Smallpox vaccine issues, controversies and history. Presented at the November 2002 Association of Military Surgeons of the United States National Meeting and October 2002 American Osteopathic Association National Meeting.
13. Bioterrorism. Presented to 1) Medical Academic Advancement Program, University of Virginia, July 2002 and 2) Charter House membership, Silver Spring, MD, September 2002.
14. Vaccines and Controversies. Presented as a distinguished lecturer to the Medical Academic Advancement Program, University of Virginia, June 2001.

15. Vaccines and Preventing Infection. Presented as an invited speaker to The Charter House membership, September 2001.
16. Vaccine Controversies. Workshop presentation for the American Academy of Allergy, Asthma and Immunology, New Orleans LA, March 2001.
17. Allergies and What to Do About Them. Presented as a distinguished lecturer to the Medical Academic Advancement Program, University of Virginia, 1997 & 1999.
18. The Runny Nose: and why I've spent 14 years after college preparing to understand it. Presented as a distinguished lecturer to the Medical Academic Advancement Program, University of Virginia, 1998 & 2000.
19. Back to Basics: from patients to molecules. Presented as a distinguished lecturer to the Medical Academic Advancement Program, University of Virginia, 1998.
20. How I came to speak to you today. Presented as a distinguished lecturer to the Medical Academic Advancement Program, University of Virginia, 1997-99.
21. An unrecognized risk for anaphylaxis: Bee pollen. Presented to the Washington Area Allergy and Immunology Conference, National Institutes of Health, Bethesda MD, 1997.
22. Natural Killer Cells. Presented in the National Institutes of Health- Walter Reed Army Medical Center Conjoint Allergy-Immunology Fellowship Lecture Series, Bethesda MD, 1998..
23. Delayed-type Hypersensitivity. Presented in the National Institutes of Health- Walter Reed Army Medical Center Conjoint Allergy-Immunology Fellowship Lecture Series, Bethesda MD, 1997.
24. Pregnancy and Allergic Diseases. Presented in the National Institutes of Health- Walter Reed Army Medical Center Conjoint Allergy-Immunology Fellowship Lecture Series, Bethesda MD, 1998.
25. Measurable serum IgA by ELISA in a cohort of immunodeficiency patients with levels undetectable by nephelometry. Abstract presented at the American Academy of Allergy, Asthma & Immunology and Association of Uniformed Services Allergists-Immunologists, Orlando FL, 1999.
26. Latent adverse effects of systemic corticosteroids following treatment of severe adolescent asthma. Poster presentation at the American College of Asthma, Allergy & Immunology, San Diego CA, 1998.
27. Recurrent aseptic meningitis complicating replacement dosage intravenous immunoglobulin therapy: Relief with subcutaneous infusion. Poster presentation at the American Academy of Allergy, Asthma, and Immunology national conference, Washington DC, 1998.
28. Delayed-type Hypersensitivity. Lecture presented during consecutive iterations of the Y8 designator Allergy-Immunology Technician Training Course, Forest Glen MD, 1996 – 1998.
29. Humoral immunodeficiency in an elderly female with multiple myeloma in remission. Poster presentation at the American College of Allergy, Asthma & Immunology national meeting, Boston MA, 1996.
30. Congestive heart failure and cardiac tumors in a young female with a remote history of lymphoma. Presented at the Georgia Regional ACP conference, Augusta GA, 1996.
31. Efficacy of levofloxacin in lower respiratory tract infections. Presented at the US Army American College of Physicians conference, Reston, VA, 1995.

BIBLIOGRAPHY

Peer-Reviewed Publications

1. Engler RJ, **Nelson MR**, Klote MM, VanRaden MJ, Huang CY, Cox NJ, Klimov A, Keitel WA, Nichol KL, Carr WW, Treanor JJ; Walter Reed Health Care System Influenza Vaccine Consortium. Half- vs full-dose trivalent inactivated influenza vaccine (2004-2005): age, dose, and sex effects on immune responses. *Arch Intern Med*. 2008 Dec 8;168(22):2405-14.
2. Arora R, Newton TC, **Nelson MR**. Subcutaneous immunoglobulin therapy in an 11-year old patient with common variable immune deficiency and von Willebrand's Disease, *Annals of Allergy, Asthma & Immunology*. 2007;99(4):367-70.
3. Engler RJ, Klote M, **Nelson MR**. Optic neuritis and vaccination investigation: failure to consider significant sex differences and multiple vaccine combinations. *Arch Neurol*. 2007 Nov;64(11):1673-4
4. Davis KL, Kolisnyk JT, Klote MM, Yacovone MA, Martin BL, **Nelson MR**. Implications of venom hypersensitivity for a deploying soldier. *Mil Med* 2007 May;172(5):544-7.
5. **Nelson MR**, Koelle D, Wilson C, Davis R, Engler RJME. Smallpox vaccination immune response. (manuscript in preparation)
6. Song TT, **Nelson MR**, Engler RJM, Chowdhury B, Chang JH. "Adequacy of the Epinephrine Autoinjector Needle Length in Delivering Epinephrine to the Intramuscular Tissues," *Annals of Allergy, Asthma and Immunology*. 2005; 94 (5):539-542.
7. Dewyea VA, **Nelson MR**, Martin BL, "Asthma in pregnancy." *Allergy, Asthma Proceedings*.2005; 26(4):323-5.
8. Klote MM, **Nelson MR**, Engler RJM. Autoimmune Urticarial Response to High Dose IVIG. *Annals of Allergy Asthma and Immunology, Feb*. 2005; 94:307-308.
9. Eckart RE, Love SS, Atwood JE, Arness MK, et al. (**Nelson MR**) Incidence and Follow-up of Inflammatory Cardiac Complications aafter Smallpox Vaccination. *J Amer Coll Card*. 2004;44(1):201-5.
10. Cloonan C, Fauver HE Jr, Holloway HC, Hospenthal DR, Hutton J, Lewis E, Madrigal VE, Maliner B, **Nelson M**, Reynolds PC, Staunton M, Wayne BA, Roy MJ. Military unique curriculum: identifying and prioritizing content. *Mil Med*. 2003 Sep;168(9 Suppl):41-5.
11. Martin BL, **Nelson MR**, Hershey JN, Engler RJM. Adverse reactions to vaccines. *Clin Rev Allergy Immunol*. 2003 Jun; 24(3):263-76.
12. **Nelson MR**, Oaks H, Smith LJ, Engler RJM. Anaphylaxis Complicating Routine Childhood Immunization: *Hemophilus influenza B*. *Pediatric Asthma, Allergy & Immunology*. 2001;14(4):315-21.
13. **Nelson MR**, Carregal VA, Deguzman RD, Engler RJM. Aseptic Meningitis Due to Intravenous Immunoglobulin Therapy that Resolved with Subcutaneous Administration. *Pediatric Asthma, Allergy & Immunology*. 2001;14(4):323-7.
14. Deguzman RD, Rodriguez RJ, Katial RK, **Nelson MR**, Engler RJM. Four-year experience with Serious Adverse Reactions to Intravenous γ -Globulin at a Tertiary Medical Center. *Pediatric Asthma, Allergy & Immunology*. 2001;14(4):315-21.
15. **Nelson MR**, Creutz CE. Comparison of the expression of native and mutant bovine annexin IV in *Escherichia coli* using four different expression systems. *Protein Expression and Purification*. 1995;6(2):132-140.
16. **Nelson MR**, Creutz CE. Combinatorial mutagenesis of the four domains of annexin IV: effects on chromaffin granule binding and aggregating activities. *Biochemistry*. 1995;34(9):3121-3132.

17. **Nelson MR**, Hamman HC, Creutz CE. Expression of endonexin in *E. coli* using site directed mutagenesis. *Journal of Cell Biology*. 1989;107(6):340a. Abstract presented at the 1989 combined ASCB/ASBMB national conference.
18. Creutz CE, Kambouris NG, Snyder SL, Hamman HC, **Nelson MR**, Liu W, Rock P. Effects of the expression of mammalian annexins in yeast secretory mutants. *J Cell Science*. 1992;103(pt. 4):1177-92.

Book Chapters

1. **Nelson MR**. Serum Sickness. Chapter in *Allergy and Asthma: Practical Diagnosis and Management*. Ed. Mahmoudi, M. Lange Series, McGraw Hill, 2007.
2. Martin BL, Engler RJM, **Nelson MR**, Klotz MM, With CM, Krauss M, *Asthma and its implications for Military Recruits* in *Recruit Medicine*. Eds. Lenhart MK, Lounsbury DE, North RB., Office of the Surgeon General, Department of the Army, Washington DC, 2006;89-108.
3. **Nelson MR**. Anaphylaxis. Chapter in *Immunization-Allergy Technician Course Manual*, 2006.
4. Creutz CE, Drust DS, Hamman HC, Junker M, Kambouris NG, Klein JR, **Nelson MR**, Snyder SL. Calcium-dependent membrane-binding proteins as potential mediators of stimulus-secretion coupling. Chapter in Stimulus-Response Coupling: The Role of Intracellular Calcium, eds. Smith VL and Dedman JR. 1990.

Abstracts

1. M. R. Nelson, M. M. Petersen, R. J. M. Engler, B. R. Haymore . Standardized Grass Allergen Extract Prescribing Practices in a Large Healthcare System. *Journal of Allergy and Clinical Immunology, Volume 120, Issue 1, Supplement 1, January 2008, Page S126*.
2. M.R. Nelson, L.C. Collins, J.E. Atwood, R.E. Eckert, E.A. Shry, D.J. Shelton, W. Scott and R.J.M. Engler. Long-term Clinical Outcomes Following Vaccinia Associated Myopericarditis. *Journal of Allergy and Clinical Immunology, Volume 119, Issue 1, Supplement 1, January 2007, Page S95*
3. M.I. Slingluff, M.M. Klotz, B.A. Hemann, M.R. Nelson, M.A. Yacavone, J.E. Atwood, S. Black and R.J.M. Engler . A Pilot Study: Trivalent Inactivated Influenza Vaccine (TIV) and Myopericarditis. *Journal of Allergy and Clinical Immunology, Volume 119, Issue 1, Supplement 1, January 2007, Page S96*
4. S. Kim-Delio, M.M. Klotz, M.R. Nelson, W.W. Carr, R.D. Deguzman, C.P. Mikita, B.L. Martin and R.J.M. Engler. Headache After Trivalent Inactivated Influenza Vaccine (TIV): Gender Differences and Severity. *Journal of Allergy and Clinical Immunology, Volume 119, Issue 1, Supplement 1, January 2007, Page S96*
5. P.A. Hutchinson, M.R. Nelson, S.L. Hill, L.L. Duran and R.J.M. Engler. Knowledge, Attitudes and Beliefs (KAB) Regarding Reporting of Adverse Events Following Immunizations (AEFI). *Journal of Allergy and Clinical Immunology, Volume 119, Issue 1, Supplement 1, January 2007, Page S96*
6. R.J.M. Engler, A. Marini, J. Green, M. Klotz, L. Collins, P.V. Belandres, S.T. Chang, J.F. Williams and M.R. Nelson. Primary Smallpox Vaccination Temporally Associated with New Onset Urticaria-Angioedema (UrtAng) Evolving to Chronic Disease. *Journal of Allergy and Clinical Immunology, Volume 119, Issue 1, Supplement 1, January 2007, Page S97*
7. J. Yoon, M.R. Nelson, M.S. Marks and S.E. Kosisky. An Eight Year Survey (1998-2005) of the Major Tree Pollens in the Washington, DC Area. *Journal of Allergy and Clinical Immunology, Volume 119, Issue 1, Supplement 1, January 2007, Page S100*
8. C.B. Soltis, C.K. Dolan, M.R. Nelson and S.A. Norton. Contact Dermatitis Following Occupational Exposure to the New U.S. Army Combat Uniform (ACU). *Journal of Allergy and Clinical Immunology, Volume 119, Issue 1, Supplement 1, January 2007, Page S206*

9. M.R. Kaplan, R. Arora and M.R. Nelson. Measurement of Enterovirus-Specific IgG in Intravenous Immunoglobulin Preparations. *Journal of Allergy and Clinical Immunology*, Volume 119, Issue 1, Supplement 1, January 2007, Page S26
10. S. Baqar, J. Lapa, M. Nelson, C. Lin, C. Porter, C. Williams, T. Gilliland, R. Arora, J. Saunders, P. Guerry, J. Sanders and D. Tribble. Safety and immunogenicity of a recombinant *Campylobacter* flagellin vaccine in adult volunteers. Abstract presented at Vaccines for Enteric Diseases 2007 conference.
11. D. Tribble, R. Kaminski, J. Lapa, M. Nelson, C. Porter, S. Baqar, C. Williams, R. Arora, J. Saunders, M. Ananthakrishnan², J. Sanders⁴, R. Turbyfill², E. Oaks² Safety and immunogenicity of a *Shigella flexneri* 2a Invaplex 50 intranasal vaccine in adult volunteers. Vaccines for Enteric Diseases 2007 conference.
12. Lowe KR, Mikita CP, Klote MM, Nelson MR. Diagnosis of Common Variable Immunodeficiency in a Patient with Evan's Syndrome. Poster and oral presentations. American Academy of Allergy, Asthma and Immunology Annual National Meeting. 2006. Miami, FL.
13. Chang ST, Klote MM, Nelson MR, Engler RJM. Immune Response to Influenza Vaccination in Subjects Self-reporting Seasonal Allergic Rhinitis. Poster and oral presentations. American Academy of Allergy, Asthma and Immunology Annual National Meeting. 2006. Miami, FL.
14. Klote MM, Nelson MR, Engler RJM. Local reactions and pain to trivalent inactivated influenza vaccine (TIV): Impact of gender and dose/volume. Poster presentations. American Academy of Allergy, Asthma and Immunology Annual National Meeting. 2006. Miami, FL.
15. Arora R, Kosisky S, Nelson M. Novel Approach to the Identification of Allergen Extract Dilutions for Quality Control in the Production of Immunotherapy Extract Kits. Poster and oral presentations. American Academy of Allergy, Asthma and Immunology Annual National Meeting. 2006. Miami, FL.
16. Nelson MR, Kosisky SE, Bienlien AA, Engler RJM. Allergen Extract Mixing Error Minimization: Lessons learned from a large allergen extract mixing facility quality improvement program. Poster presentation. World Allergy Congress. 2005. Munich, Germany.
17. McClenathan B, Nelson M. Assessing Immunocompetence in a Rheumatoid Arthritis Patient Taking Multiple Immunomodulating Drugs with a High-Risk Occupational Exposure. Proceedings of the 19th Annual Harold S. Nelson Allergy-Immunology Symposium, 2005 Military Allergy Program, San Antonio, TX.
18. Lowe, K.R., Klote M.M., Kosisky, S.E., Nelson, M.R., and Martin, B.L., "A Comparison Of Cat Allergen Immunotherapy Prescribing Practices: 1993-2003." Abstract Published in American College of Allergy, Asthma, and Immunology Abstract Book from Annual Scientific Meeting, November: 249, 2005.
19. C.B. Soltis, V. Mayfield, A.S. Razavi, M.R. Nelson. "Comprehensive Multi-Disciplinary Outcomes Based Asthma Program Significantly Reduces Asthma Related Hospitalizations in a DoD Healthcare Network. (P168) Allergy, Asthma and Immunology Annual Scientific Meeting. Anaheim Convention Center, Anaheim, CA November 4-9, 2005.
20. S.H. Kim-Delio, M.M. Klote, S.E. Kosisky, M.R. Nelson, B.L. Martin. "Do Gender or Race Affect the Smallpox Vaccine Major Take Reaction." (P286) Allergy, Asthma and Immunology Annual Scientific Meeting. Anaheim Convention Center, Anaheim, CA November 4-9, 2005.
21. Funkhouser T, Dewyea V, Nelson M, Engler RJM. Functional IL-12 and IFN γ Receptors in an Eight-Year Old Boy with Disseminated Nontuberculous Mycobacterial Infection Otherwise Consistent with the Phenotype of IL-12 and IFN γ Receptor Deficiency. *Journal of Allergy and Clinical Immunology*, Feb 2005;115(2): S154.
22. Funkhouser T, Nelson M, Song T, Martin B, DeGuzman R, Engler RJM. Decreased Allergen Extract Stability with Dilution and Ambient Temperature Change: Effect of Shipping Temperature on Prescription Extract Stability and Potency. *Journal of Allergy and Clinical Immunology*, Feb 2005;115(2): S264.
23. Dewyea VA, Nelson MR. Skin Testing for Presumed IgE-mediated reactions to Sodium Stibogluconate (Pentostan) in 2 US Soldiers Undergoing Treatment for Cutaneous Leishmaniasis. *Annals of Allergy, Asthma and Immunology* Jan 2005;94:148. (#P95)

24. Kolisnyk JT, Schneider SL, Willis MA, M.R. Nelson, Martin BL, Grabenstein J, Engler RJM. Immunization training through distance learning: a method to develop and sustain vaccination skills through a web-based interactive education program. *Annals of Allergy, Asthma and Immunology* Jan 2005;94:179. (#P193)
25. Lowe K, Nelson M, Engler RJM, Davis B and Martin B. Resident Physician Knowledge and Practices Regarding the Prescription of Auto-Injectable Epinephrine for Allergic Emergencies. *Annals of Allergy, Asthma and Immunology* Jan 2005;94:179. (#P194)
26. Carr W, Hershey J, Nelson M. HE2000 Upregulates Expression of the Interferon Gamma Receptor in the L. donovani-infected U937 Human Macrophage Cell Line. *Journal of Allergy and Clinical Immunology*, Feb 2004;113(2);S203
27. Mikita C, Nelson M, Hershey J, Engler RJ. Two cases of cutaneous reactions and circulating immune complexes after smallpox vaccination. *Ann Allergy Asthma Immun.* 2004;92:168 (Abstract # 159)
28. Carr WW, Hershey J, Nelson MR. He2000, immune modifying hormones and I. Donovan infection. *Ann Allergy Asthma Immun.* 2004;92:115 (Abstract #51)
29. Carr WW, Hershey J, Nelson MR. Epinephrine Prescribing Patterns in a Healthcare System. *Ann Allergy Asthma Immun.* 2004;92:137 (Abstract #55)
30. Nelson MR, Grabenstein JD, Martin BL, Engler RJM. Prevention of Serious Smallpox Vaccine Adverse Events: Department of Defense Lessons Learned and Outcomes. International Congress of Military Medicine, 2004 Annual International Conference. September 2004, Washington, DC.
31. Nelson MR, Koelle D, Davis RL, Wilson CB, Engler RJM. Vaccinia Specific Lymphocyte Immune Response and Development of Symptoms Following Smallpox Immunization. National Foundation of Infectious Disease National Vaccine Research Conference, May 2004, Washington, DC.
32. Nelson MR, Koelle DM, Davis RL, Wilson CB, Engler RJ. C-reactive protein and vaccinia specific lymphocyte proliferative responses following smallpox immunization. *JACI* 2004;113(2):S291 (# 1063)
33. Song TT, Nelson MR, Hershey JN, Chowdhury BA. Subcutaneous Tissue Depth Differences Between Males and Females: The Need for Gender Based Epinephrine Needle. *JACI* 2004;113(2): S327 (# 860)
34. Collura-Burke C, Speller-Brown B, Smith LJ, Nelson MR, Schmidt HJ. Asthma education and its effect on quality of life. *J Allergy Clin Immunology* Feb 2003; 111(3):S176 (Abstract #431).
35. Kim TT, Aronson NE, Nelson MR. A rapid oral desensitization of amprenavir in sulfa allergic patient with HIV-infection. *Ann Allergy Asthma Immun* Jan 2003;90(1):151 (Abstract # P128).
36. Mikita CP, Norton SA, Nelson MR, Engler RJ. Cutaneous reactions after smallpox vaccinations. 2003 Military Allergy Program – 17th Annual Harold S. Nelson Allergy-Immunology Symposium. March 2003.
37. Nelson MR, Agnello VA, Martin BL, Engler RJM. A Role for Combined RAST and Skin Testing in Insect Sting Anaphylaxis: Experience at a Tertiary Medical Center Between 1984-1991. *J Allergy Clin Immunology* 2002; Jan 109(1):825.
38. Agnello VA, Nelson MR. Portal Hypertension Associated with Noncaseating Granulomatous Disease in a Patient with Common Variable Immunodeficiency. *J Allergy Clin Immunology* 2002; Jan 109(1):571.
39. Martin, BL, Nelson MR, Labutta R, King TE, Williams JF, Minor MC, Grabenstein JE, Engler RJM. Anthrax Vaccine Temporally Associated Systemic Adverse Events Referred to a Tertiary Medical Center. *J Allergy Clin Immunology* 2002; Jan 109(1):424.
40. Nelson MR, Loesevitz AW, Engler RJM. Emergent Levofloxacin Desensitization in Acute Myelogenous Leukemia. Annual Meeting of the American Academy of Allergy, Asthma & Immunology, New Orleans, LA, *J Allergy Clin Immunology* 2001; Feb 107(2): 16.

41. Frank TW, Hartman K, Nelson MR. Anaphylactoid Reactions to Multiple Parenteral Iron Preparations: A Report of a Case. Annual Meeting of the American Academy of Allergy, Asthma & Immunology, New Orleans, LA, J Allergy Clin Immunology 2001; Feb 107(2):36.
42. Bocek P and Nelson MR. Location Dependent Exercise-Induced Anaphylaxis in a 25-year-old Marine. Ann Aller Asthma Immun 2001; Jan 86(1):P92.
43. Martin BL, Collins LC, Nelson MR, O'Connell MA, Engler RJM. Immediate Hypersensitivity to Anthrax Vaccine: 3 Cases. Presented at the American Academy of Allergy, Asthma and Immunology and Association of Uniformed Services Allergists-Immunologists national conferences. J Allergy Clin Immunology 2000;105(1pt2):S349.
44. Nelson MR, Belnap CS, Engler RJM, Hershey JN, O'Connel MA. Measurable serum IgA by ELISA in a cohort of immunodeficiency patients with levels undetectable by nephelometry. JACI 1999;103(1pt.2):S143.
45. Oaks H, Nelson MR, Engler RJM, Smith LJ. Anaphylaxis complicating routine childhood immunization. Presented at Association of Uniformed Services Allergists-Immunologists 1999 national meeting.
46. Nelson MR, Carregal V, Engler RJM. Recurrent aseptic meningitis complicating replacement dosage intravenous immunoglobulin therapy: Relief with subcutaneous infusion. JACI. 1998;101(1pt.2):S75.
47. Nelson MR, Engler RJM, Kosisky MA, Smith LJ. An unrecognized risk for anaphylaxis: Bee pollen. Ann Aller Asthma Immun. 1998;80(1):134.
48. Nelson MR, Katial RK, Engler RJM. Idiopathic CD4 (ICD4) lymphocytopenia and chronic fatigue: Clinical response to an alternative medicine- PCM-4. JACI. 1997;99(1pt.2):S5.
49. Nelson MR, Engler RJM, Carregal DO. Humoral immunodeficiency in an elderly female with multiple myeloma in remission. Ann Aller Asthma Immun. 1997;7(1):101.